Hosp - Gen

Province of British Columbia
Ministry of Health

REPORT ON
DAY CARE SURGERY
1983/1984

DATA SUPPORT
HOSPITAL PROGRAMS

REPORT ON DAY CARE SURGERY

1983/84

BRITISH COLUMBIA

Day care surgical services have been provided as a British Columbia hospital insurance benefit since early 1968. At the time the decision was made for provision of this benefit, there was considerable discussion as to the type of case that would be suitable for coverage and the method of defining acceptable cases and procedures. Serious consideration was originally given to the development of a list of procedures and diagnoses which would be eligible. However, it was felt that such a list would be subject to constant amendment, revision and additions, and hospital clerical personnel would have continuing difficulties interpreting admitting diagnoses and types of procedures against the background of a constantly changing eligible list. It was therefore decided that a broad general definition of what was intended for coverage was a superior method of dealing with the problem.

The definition is based primarily on the assumption that day care surgical services are a compact form of inpatient care, and as such, deserve the same quality control considerations provided to inpatients. The attending physicians in the hospitals are therefore expected to provide a complete medical record for a day care admission, and these records are subject to the usual review taken by the hospital's Medical Records Committee to establish quality control, and also to assist in assessing proper utilization of the program.

The primary group of cases are those elective or nonelective diagnostic and/or treatment procedures requiring the use of hospital facilities and a general anaesthetic. An additional group which are acceptable are those procedures which would normally be carried out under general anaesthesia, but where the attending physician has elected to use local anaesthesia. It is recognized that many physicians are highly proficient in operating under these conditions, and such procedures as repair of hernia, breast biopsy, closed reduction of fractures, etc., while normally performed under a general anaesthetic, would be acceptable if performed under local anaesthesia. A third group of acceptable cases are endoscopic procedures carried out under either local or general anaesthesia. It is felt that hospital facilities are required for cystoscopy, bronchoscopy, esophagoscopy, gastroscopy, etc., and occasionally sigmoidoscopy. Regarding sigmoidoscopy, this procedure does not normally require complete hospital facilities, and is usually performed as a simple office or hospital outpatient service. Occasionally, however, full services of the hospital may be required, and in such cases this endoscopic procedure would then be acceptable. A fourth group of acceptable procedures are those related to certain cosmetic and plastic surgical procedures which may be carried out under a local anaesthetic. While it is not felt that such simple procedures as excision of cysts, removal of warts, toenails, etc., should be removed from their present "minor surgery" classification, it is recognized that certain plastic surgical, ophthalmological, and other procedures on the face do require a degree of care and attention which may call for full operating room and other hospital facilities.

The purpose of this report is to analyse the 1983/84 experience of the program, show the types of procedures performed, and document the growth of day care surgery over the past few years. For comparative purposes, this report should be reviewed with the report on the 1982/83 experience.

Coverage for day care surgery began in February, 1968, and during that initial year of operation, 13,450 procedures were carried out under the program. As indicated below, the number of procedures carried out annually has increased significantly over the past 10 years. It should be noted that the figures for the years 1974 to 1976 refer to plan-covered cases only. The totals for the years following 1976 include both plan-covered and non plan-covered cases.

Year	Number of Procedures
1974	55,340
1975	60,978
1976	65,672
1977	76,180
1978	82,369
1979/80*	90,120
1980/81	97,085
1981/82	105,944
1982/83	116,958
1983/84	122,244

* change to fiscal period

An analysis of the 1983/84 work load by all hospitals and by operation group is shown in Table 1. The operation groupings in 1983/84 are based on the Canadian Classification of Diagnostic, Therapeutic, and Surgical Procedures used in conjunction with ICD - 9. While they indicate the general areas of surgery, they do not indicate the specific procedures performed. (See Appendix A).

Reports prior to 1979/80 employed the ICDA -8th Revision. Thus, when comparisons are made with the 8th Revision, some caution should be used as a result of the change in the code structure and the Classification.

In order to analyse the work volume by specific procedure, it is necessary to use the full four-digit operation code. This, however, has the disadvantage of being an extremely lengthy breakdown. From an analysis of this data, it was possible to prepare a list of the most common procedures carried out in all hospitals in the province during 1983/84 under the day care program. These are shown in table 2. In order to minimize the number of codes and give a better understanding of the work volume, a few closely related codes were grouped for convenience, but for the most part, the figures in Table 2 do relate to specific procedures. Due to the ranking of procedures according to the 1983/84 day care experience, some of the 1982/83 figures listed in the previous year's table will differ slightly from those recorded in the 1983/84 report. In 1983/84, the total work load represented by the twenty-five most common procedures was 88,902 cases or 72.7% of the total day care surgical load. The table then, gives a fairly good picture of the type of work being carried out on the day care program. Looking at primary (first) procedures only, cystoscopy and urethroscopy procedures were the most common with 10,794 cases followed by 10,408 diagnostic dilation and curellage cases. These Procedures together with therapeutic abortion cases accounted for 31,267 cases or 25.6% of the total day care volume. Nonoperative endoscopy of respiratory and upper gastrointestinal tract ranked fourth in volume with 7,120 cases in 1983/84.

Table 3 shows the number of operations for the same acute care hospitals as in Table 1, together with the number of operations performed on inpatients (based on primary operations only) and relates the day care surgery to the total surgical volume of the hospital. For Vancouver General, Lions Gate, Victoria General, Royal Inland, and Royal Columbian hospitals, the day care surgical volume amounted to over 6,000 cases and was in excess of 29% of the total load. Four additional hospitals with case loads under 4,800 but over 4,300 cases also showed a day care volume in excess of 29% of the total load.

The total acute care hospital inpatient surgical load for the province (primary procedures only) was up from 289,253 cases in 1982/83 to 313,785 cases in 1983/84, an increase of 8.5%. During the same period, the total day care surgical case load rose from 116,958 to 122,244, an increase of 4.5%. In total, then, the 1983/84 day care load represented 28.0% of the total surgical load.

In Table 4, the volume of day care surgery is compared with that currently being performed on an inpatient basis. For each of the twenty-five most common procedures, the table shows the corresponding volume of inpatient primary surgical procedures and the proportion of the total load which is done as a day care service. In 1983/84, the day care proportion amounted to 63.0% or a drop of 6.3% over the previous year.

Table 5 shows the number of day care surgical operations per 1,000 population performed in acute care hospitals according to regional hospital district hospital used, and patient's place of residence. In 1983/84, the number of procedures carried out amounted to 43.3 per 1,000 population.

TABLE 1 REPORT OF DAY CARE SURGICAL CASES BY HOSPITAL AND OPERATION GROUP FISCAL YEAR 1983-1984

HOSP CODE	TOTAL	01-13	14-18	19-20	21-29	30-32	33-41	42-46	47-51	52-53	54-66	67-71	72-76	77-83	84-87	88-96	97	98	99
101	13680	1603	125		1484	10	717	122	572	20	891	721	344	1831	4276	741	78	141	4
102	4789	1390	80		779	7	32	25	43	43	1080	282	68	396		240	216	98	10
103	1878	297	24	3	192	44	208	9	37	7	158	141	101	172	1	124	238	142	
105	4571	813	4	5	369	715	1506	4	82	8	291	49	280	7		272		160	
106	1740	237	14	1	32	68	193	9	1	17	120	124	83	442		159	114	122	4
109	6484	1265	243	1	62	102	248	223	380	22	749	259	319	955	426	573	211	440	6
110	2902	288	19		926	297	392	47	25	5	43	135	70	194		325	58	78	
111	408	64	6		14	6	19		3	4	37	26	15	116	14	63	8	12	1
112	6126	580	191		146	187	313	38	29	28	550	561	131	1089	609	1268	199	197	10
113	376	123	16				4			2	30	12	37	80	24	33	4	11	
115	1231	402	34		37	9	7	1	3	5	122	20	31	327	6	132	43	52	
116	4419	579	164	3	99	279	247	31	12	22	191	125	299	941	184	786	161	296	
121	2273	282	32		45	7	25	19	4	9	123	146	197	424	296	251	145	268	
123	1475	180	10		298	1	13	2	18	2	314	119	52	68		232	116	50	
125	4380	503	237		15	20	177	17	78	10	726	180	37	911	1098	294	37	36	4
128	136	5	1				23				3		2	62		20	7	12	1
130	2009	137	51		41	93	52	20	3	6	242	41	69	469	369	264	77	75	
131	1941	516	693	1	90	3	66	1	9	6	77	29	56	172	42	97	46	37	
134	920	129	19	1	23	11	86		1	2	29	16	54	152		264	39	94	
201	3544	836	111		235	21	310	48	24	10	125	212	110	535	370	434	57	106	
202	6250	1382	80		111	555	770	68	41	52	685	166	241	811	41	794	176	277	
203	1830	523	158		12	57	131	4		8	129	6	81	310	15	283	71	40	2
206	1																1		
217	548	141	4		11	34	69	10	1		47	6	43	104	24	20	21	13	

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HOSP CODE	TOTAL	01-13	14-18	19-20	21-29	30-32	33-41	42-46	47-51	52-53	54-66	67-71	72-76	77-83	84-87	88-96	97	98	99
301	2308	522	40		20	243	198	20		4	175	102	105	324	127	351	39	34	4
302	4791	521	87	1	165	105	156	76	7	19	1441	281	210	922	28	480	128	165	1
303	2160	369	40		67	134	315	39	5	23	190	128	116	339	133	165	53	44	
305	88	2			1		3				2	1	11	42		13	6	7	
306	62	2	3									2	2	22		15	6	10	
307	55		7				10						9	20			6	3	
308	183	3	1				114		1	2	2		12	30		9	6	3	
309	133	6	8				16			1	2		26	29		28	1	16	
401	7313	1115	283		114	187	771	32	1349	11	388	387	253	872	328	848	183	192	
403	180	14					4			2	6	3	30	63		45	9	4	
404	520	164	23	1			42			1	26	5	44	87	34	65	16	14	
406	956	155	16		29	37	104	4	1	2	83	4	77	190	44	106	47	57	
408	41	3	2				11					1		17		4		3	
409	4				1		1						1	1					
417	12	1					5						3	2		1	1	1	
501	4657	584	186	1	398	246	386	84	34	21	312	131	139	571	398	885	115	165	1
502	1052	116	34		74	10	240	9	1	5	109	5	12	210		116	42	69	
504	764	1				81	389				1		2	96	191	2			1
505	98	5	15				23		1		2	1	6	18		23	1	3	
506	482	28	26		24	12	175		1	1	3	5	16	16		69	57	49	
507	5	1											1	2		1			
508	1954	158	168		29	124	256	33		2	115	11	95	271	114	450	46	79	3
510	39	1								3	1		26			3	1	4	
511	6												6						

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HOSP CODE	TOTAL	01-13	14-18	19-20	21-29	30-32	33-41	42-46	47-51	52-53	54-66	67-71	72-76	77-83	84-87	88-96	97	98	99
601	2055	373	68		75	125	177	15	46	7	152	67	109	310	52	300	66	112	1
602	794	230	12		7	60	79	1		4	63	12	32	146	40	56	34	15	3
603	2892	927	114		31	168	137	16	3	10	248	114	165	498	27	281	85	68	
604	594	94	11		22	1	13	3	2	5	32	1	41	167	54	93	27	25	3
606	32	4												22		1	2	3	
651	891	306	8		1		149	17		1	63	1	69	90	78	45	32	31	
654	41	13	2				1				1		12	4	2	1	1	4	
655	6													5		1			
701	324	15	14		5	19	98	1		1	4	1	5	35	47	49	15	15	
702	40	6	1				1						6	16		7	2	1	
703	4595	937	129	3	99	388	324	97	41	28	424	190	170	740	169	503	207	143	3
704	640	64	2		15	36	73	1	1	1	86	3	11	135	101	74	13	24	
705	894	97	19			50	125	4	5	4	93		58	215	74	76	38	34	
707	6						1						4	1					
708	8		1											5		1	1		
713	15	1											4	1		4		5	
714	138	1	1		4	2	39			1	7		25	28		7	7	16	
715	80	3				2	25				1		22	20		1		6	
716	1															1			
717	12		1				7						2					2	
752	127	20	7				24		1		14	1	1	40		14	1	4	
753	98	30	4				3	2			4	1	4	34		7	3	6	
754	96	3			1		6			1	2	7	8	39		15	8	5	1
755	84	2	7				7				1		10	39		13	3	2	

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HOSP CODE	TOTAL	01-13	14-18	19-20	21-29	30-32	33-41	42-46	47-51	52-53	54-66	67-71	72-76	77-83	84-87	88-96	97	98	99
756	1243	339	28		12	123	128	11	1	6	126	34	26	171	17	153	21	47	
801	994	224	24		48	74	62	10	8	4	55	29	2	143	51	151	18	91	
802	270						3							15		251		1	
803	86	3				1	2				3	1	1	52	4	9	2	7	1
804	170	16	1				4				9	2	7	80	25	8	13	5	
851	907	141	27		125	36	41	2	5	5	57	29	95	169	44	80	18	31	2
854	8						1						4	3					
901	97	4	1			45	9				2	4	6	11		10	2	3	
902	700	156	5		7	80	80	2			26	7	42	132	71	51	17	24	
903	550	179	16		6	1	48		2	1	38	1	46	104	18	47	30	11	2
906	14	2	1				3					1	2	3		1		1	
907	19	2											13		2			2	
910	6										6								
912	484	167	8		9	8	27	1	5	1	16	2	13	84	9	93	11	30	
917	459	93	1		10	13	34	1	1	3	12	18	50	126		48	14	35	
TOTAL	122244	20498	3768	21	6420	4937	10556	1179	2887	468	11145	4967	4993	18595	10077	13802	3577	4486	68

TABLE 2

THE TWENTY-FIVE MOST COMMON DAY CARE SURGICAL PROCEDURES
BOTH SINGLE AND GROUPED, 1983/84

	ICD - 9 CODES	PROCEDURES	CASES 1983/84	CASES 1982/83
1.	01.33 - 01.35, 67.85 - 67.87	cystoscopy and urethroscopy, with and without retrograde pyelogram	10,794	13,099
2.	79.00, 79.10, 79.21, 79.22, 79.23, 79.29, 79.30, 80.11, 80.12, 80.19, 81.09	diagnostic dilation and curettage	10,408	11,224
3.	86.41, 86.42, 86.49, 87.00, 87.10, 87.21, 87.29	therapeutic abortion	10,065	11,262
4.	01.02 - 01.09, 01.11 - 01.16	nonoperative endoscopy of respiratory and upper gastrointestinal tract	7,120	7,469
5.	35	removal and restoration of teeth	6,846	6,452
6.	78.21, 78.22, 78.31, 78.32, 78.39, 78.41, 78.42, 78.49, 78.53, 78.59	destruction or occlusion of fallopian tubes	4,533	4,909
7.	32.01, 32.09, 32.10	myringotomy; removal of tympanostomy tube	4,333	3,929
8.	56.81, 56.82, 57.91 - 57.95	biopsy of stomach and intestines	3,231	2,379

TABLE 2 (continued)

	ICD - 9 CODES	PROCEDURES	CASES 1983/84	CASES 1982/83
9.	97.11, 97.82	local excision or biopsy of lesion of breast	2,926	2,678
10.	98.11, 98.12	removal of lesion of skin and subcutaneous tissue	2,797	1,952
11.	66.83	laparoscopy	2,757	1,898
12.	75.64	vasectomy	2,475	2,791
13.	28.53 - 28.55	excision or destruction of lesion of retina, by photocoagulation	2,169	2,512
14.	33.21 - 33.23, 33.30, 33.40, 33.51, 33.52, 33.59, 33.61, 33.62, 33.71, 33.77, 33.79, 33.91, 33.99, 34.00, 34.10, 34.21, 34.29, 34.31, 34.32, 34.41 - 34.44, 34.51 - 34.53	operations on nose and accessory sinuses	2,143	2,169
15.	94.21, 95.21, 95.22, 95.29	excision of lesion of muscle, tendon and fascia	2,096	2,385
16.	70.10, 70.50	urethral meatotomy, dilation of urethra	1,939	457
17.	92.85	arthroscopy of knee	1,860	1,499

TABLE 2 (continued)

	ICD - 9 CODES	PROCEDURES	CASES 1983/84	1982/83
18.	11.88, 11.89, 90.60 - 90.69	removal of internal and external fixation device	1,736	1,561
19.	92.32	excision of semilunar cartilage of knee	1,686	1,124
20.	01.22	other nonoperative colonscopy	1,651	1,399
21.	17.33	release pf carpal tunnel	1,378	1,329
22.	81.01	dilation and curettage following delivery or abortion	1,147	1,112
23.	91.00 - 91.09	closed reduction of fracture (without internal fixation)	963	963
24.	76.00	circumcision	951	982
25.	54.81	biopsy of esophagus	898	771
		TOTAL	88,902	88,305
		Percentage of total day care surgical load	72.7	75.5

TABLE 3

VOLUME OF DAY CARE AND INPATIENT SURGERY (PRIMARY PROCEDURES ONLY)
PERFORMED IN ACUTE CARE HOSPITALS, 1983/84

NO.	HOSPITAL Name	Day Care Surgical	Inpatient Surgical	Total Surgical	% Day Care
101	Vancouver General	13,680	24,279	37,959	36.0
102	St. Paul's, Vancouver	4,789	14,191	18,980	25.2
103	St. Vincent's, Vancouver	1,878	3,365	5,243	35.8
104	The Salvation Army Grace, Vancouver	-	7,903	7,903	-
105	Children's, Vancouver	4,571	6,416	10,987	41.6
106	Mount Saint Joseph, Vancouver	1,740	4,346	6,086	28.6
107	A. Maxwell Evans Clinic, Vancouver	-	3,001	3,001	-
109	Royal Columbian, New Westminster	6,484	14,231	20,715	31.3
110	Saint Mary's, New Westminster	2,902	6,607	9,509	30.5
111	Powell River General	408	1,540	1,948	20.9
112	Lions Gate, North Vancouver	6,126	11,093	17,219	35.6
113	St. Mary's, Sechelt	376	1,791	2,167	17.4
115	Langley Memorial	1,231	5,077	6,308	19.5
116	Surrey Memorial	4,419	12,607	17,026	26.0
121	Richmond General	2,273	5,469	7,742	41.6
123	UBC Health Sciences Centre, Vancouver	1,475	7,078	8,553	17.2
125	Shaughnessy, Vancouver	4,380	10,103	14,483	30.2
128	Squamish General	136	913	1,049	13.0
130	Burnaby Hospital	2,009	10,432	12,441	16.1
131	Peace Arch District, White Rock	1,941	3,493	5,434	35.7
134	Delta Hospital	920	1,947	2,867	32.1
201	Royal Jubilee, Victoria	3,544	19,437	22,981	15.4
202	Victoria General	6,250	14,652	20,902	29.9
203	Cowichan District, Duncan	1,830	3,296	5,126	35.7
206	Lady Minto Gulf Islands, Ganges	1	466	467	0.2
217	Saanich Peninsula, Saanichton	548	2,171	2,719	20.2
301	Vernon Jubilee	2,308	4,758	7,066	32.7
302	Kelowna General	4,791	10,373	15,164	31.6
303	Penticton Regional	2,160	5,518	7,678	28.1
305	Princeton General	88	358	446	19.7
306	Enderby and District Memorial	62	136	198	31.3
307	Armstrong and Spallumcheen	55	73	128	43.0
308	Summerland General	183	634	817	22.4
309	South Okanagan General, Oliver	133	864	997	13.3

TABLE 3 (continued)

NO.	HOSPITAL Name	Day Care Surgical	Inpatient Surgical	Total Surgical	% Day Care
401	Royal Inland, Kamloops	7,313	11,262	18,575	39.4
402	Queen Victoria, Revelstoke	-	1,035	1,035	-
403	Nicola Valley General, Merritt	180	708	888	20.3
404	Shuswap Lake General, Salmon Arm	520	1,490	2,010	25.9
405	St. Bartholomew's, Lytton	-	20	20	-
406	Cariboo Memorial, Williams Lake	956	2,271	3,227	29.6
408	Ashcroft and District General	41	339	380	10.8
409	Golden and District General	4	701	705	0.6
417	Lillooet District	12	631	643	1.9
419	Dr. Helmcken Memorial, Clearwater	-	192	192	-
501	Nanaimo Regional General	4,657	7,571	12,228	38.1
502	St. Joseph's General, Comox	1,052	3,771	4,823	21.8
504	Cumberland General*	764	-	764	100.0
505	Chemainus General	98	346	444	22.1
506	Ladysmith and District General	482	546	1,028	46.9
507	St. George's, Alert Bay	5	194	199	2.5
508	Campbell River and District General	1,954	2,957	4,911	39.8
510	Port Hardy	39	13	52	75.0
511	Port McNeill and District	6	2	8	75.0
601	Chilliwack General	2,055	4,337	6,392	32.1
602	Mission Memorial	794	2,350	3,144	25.3
603	Matsqui-Sumas-Abbotsford General	2,892	4,456	7,348	39.4
604	Maple Ridge	594	2,821	3,415	17.4
606	Fraser Canyon, Hope	32	181	213	15.0
651	Kootenay Lake District, Nelson	891	2,230	3,121	28.5
652	Slocan Community, New Denver	-	41	41	-
653	Victorian, Kaslo	-	20	20	-
654	Creston Valley	41	1,088	1,129	3.6
655	Arrow Lakes, Nakusp	6	475	481	1.2
701	Fort St. John General	324	2,192	2,516	12.9
702	St. John, Vanderhoof	40	1,171	1,211	3.3
703	Prince George Regional	4,595	9,595	14,190	32.4
704	Dawson Creek and District	640	3,056	3,696	17.3
705	G.R. Baker Memorial, Quesnel	894	2,127	3,021	29.6

* Outpatient Clinic

TABLE 3 (continued)

NO.	HOSPITAL Name	Day Care Surgical	Inpatient Surgical	Total Surgical	% Day Care
707	Burns Lake and District	6	335	341	1.8
708	100 Mile District General	8	1,227	1,235	0.6
713	McBride and District	15	222	237	6.3
714	Fort Nelson General	138	357	495	27.9
715	MacKenzie and District	80	205	285	28.1
716	Chetwynd General	1	819	820	0.1
717	Stuart Lake, Fort St. James	12	110	122	9.8
752	Kimberley and District	127	911	1,038	12.2
753	Fernie District	98	1,058	1,156	8.5
754	Sparwood General	96	883	979	9.8
755	Windermere District, Invermere	84	280	364	23.1
756	Cranbrook and District	1,243	2,298	3,541	35.1
801	Trail Regional	994	3,658	4,652	21.4
802	The Mater Misericordiae, Rossland	270	334	604	44.7
803	Boundary, Grand Forks	86	723	809	10.6
804	Castlegar and District	170	805	975	17.4
851	West Coast General, Port Alberni	907	2,171	3,078	29.5
854	Tofino General	8	174	182	4.4
858	C.F. Station Hospital, Holberg, San Josef	-	1	1	-
859	Port Alice	-	32	32	-
861	Tahsis	-	23	23	-
901	Wrinch Memorial, Hazelton	97	507	604	16.1
902	Prince Rupert Regional	700	2,030	2,730	25.6
903	Bulkley Valley District, Smithers	550	1,231	1,781	30.9
904	R.W. Large Memorial, Waglisla	-	115	115	-
906	Bella Coola General	14	136	150	9.3
907	Queen Charlotte Islands General	19	94	113	16.8
910	Stewart General	6	17	23	26.1
912	Mills Memorial, Terrace	484	2,418	2,902	16.7
916	Cassiar	-	20	20	-
917	Kitimat General	459	1,735	2,194	20.9
918	C.F. Station Hospital, Massett	-	49	49	-
	TOTAL	122,244	313,785	436,029	28.0

TABLE 4

THE TWENTY-FIVE MOST COMMON DAY CARE SURGICAL PROCEDURES
AND CORRESPONDING INPATIENT SURGICAL PROCEDURES (PRIMARY ONLY)
PERFORMED IN ACUTE CARE HOSPITALS, 1983/84

	ICD - 9 CODES	DAY CARE	INPATIENT	TOTAL	% DAY CARE 1983/84	% DAY CARE 1982/83
1.	01.33, 01.34, 01.35, 67.85, 67.86, 67.87	10,794	8,225	19,019	56.8	71.7
2.	79.00, 79.10, 79.21, 79.22, 79.23, 79.29, 79.30, 80.11, 80.12, 80.19, 81.09	10,408	3,628	14,036	74.2	76.7
3.	86.41, 86.42, 86.49, 87.00, 87.10, 87.21, 87.29	10,065	1,654	11,719	85.9	98.6
4.	01.02, 01.03, 01.04, 01.05, 01.06, 01.07, 01.08, 01.09, 01.11, 01.12, 01.13, 01.14, 01.15, 01.16	7,120	3,697	10,817	65.8	67.4
5.	35.01, 35.09, 35.11, 35.19, 35.20, 35.30, 35.41, 35.42, 35.43, 35.49, 35.50, 35.60, 35.71, 35.72, 35.73, 35.74	6,846	1,496	8,342	82.1	84.3
6.	78.21, 78.22, 78.31, 78.32, 78.39, 78.41, 78.42, 78.49, 78.53, 78.59	4,533	1,911	6,444	70.3	65.5

TABLE 4 (continued)

	ICD - 9 CODES	DAY CARE	INPATIENT	TOTAL	% DAY CARE 1983/84	% DAY CARE 1982/83
7.	32.01, 32.09, 32.10	4,333	578	4,911	88.2	88.3
8.	56.81, 56.82, 57.91, 57.92, 57.93, 57.94, 57.95	3,231	1,499	4,730	68.3	66.0
9.	97.11, 97.82	2,926	1,066	3,992	73.3	74.7
10.	98.11, 98.12	2,797	1,837	4,634	60.4	52.2
11.	66.83	2,757	1,598	4,355	63.3	58.9
12.	75.64	2,475	182	2,657	93.1	98.8
13.	28.53, 28.54, 28.55	2,169	374	2,543	85.3	99.6
14.	33.21, 33.22, 33.23, 33.30, 33.40, 33.51, 33.52, 33.59, 33.61, 33.62, 33.71, 33.72, 33.73, 33.74, 33.75, 33.76, 33.77, 33.79, 33.91, 33.99, 34.00, 34.10, 34.21, 34.29, 34.31, 34.32, 34.41, 34.42, 34.43, 34.44, 34.51, 34.52, 34.53	2,143	3,913	6,056	35.4	36.6
15.	94.21, 95.21, 95.22, 95.29	2,096	452	2,548	82.3	83.2
16.	70.10, 70.50	1,939	846	2,785	69.6	56.8
17.	92.85	1,860	883	2,743	67.8	71.1

TABLE 4 (continued)

	ICD - 9 CODES	DAY CARE	INPATIENT	TOTAL	% DAY CARE 1983/84	% DAY CARE 1982/83
18.	11.88, 11.89, 90.60, 90.61, 90.62, 90.63, 90.64, 90.65, 90.66, 90.67, 90.68, 90.69	1,736	1,398	3,134	55.4	54.2
19.	92.32	1,686	1,713	3,399	49.6	35.4
20.	01.22	1,651	1,376	3,027	54.5	79.4
21.	17.33	1,378	504	1,882	73.2	76.1
22.	81.01	1,147	2,874	4,021	28.5	26.7
23.	91.00, 91.01, 91.02, 91.03, 91.04, 91.05, 91.06, 91.07, 91.08, 91.09	963	3,283	4,246	22.7	23.6
24.	76.00	951	6,918	7,869	12.1	72.6
25.	54.81	898	363	1,261	71.2	76.2
	TOTAL	88,902	52,268	141,170	63.0	69.3

TABLE 5

DAY CARE SURGICAL PROCEDURES (PRIMARY) PER 1,000 POPULATION BY PATIENT's PLACE OF RESIDENCE AND BY REGIONAL HOSPITAL DISTRICT HOSPITAL USED, 1983/84

Regional Hospital District No.	Name	Population Estimate 1983/84	Surgical Procedures		Procedures Per 1,000 Population	
			Residence	Hospital	Residence	Hospital
1.	Alberni-Clayoquot	32,278	1,407	915	43.6	28.3
2.	Bulkley-Nechako	39,449	1,218	608	30.9	15.4
3.	Capital	255,287	9,671	10,343	37.9	40.5
4.	Cariboo	61,263	2,579	1,858	42.1	30.3
5.	Central Coast	3,184	76	142	23.9	4.4
6.	Central Fraser Valley	123,073	5,506	4,123	44.7	33.5
7.	Central Kootenay	53,721	1,753	1,108	32.6	20.6
8.	Central Okanagan	88,147	4,299	4,791	48.8	54.4
9.	Columbia-Shuswap	41,574	1,353	524	32.5	12.6
10.	Comox-Strathcona	71,617	3,731	3,770	52.1	52.6
11.	Cowichan Valley	54,288	2,927	2,410	53.9	44.4
12.	Dewdney-Alouette	64,319	2,610	1,388	40.6	21.6
13.	East Kootenay	57,361	1,674	1,648	29.2	28.7
14.	Fraser-Cheam	58,208	2,592	2,087	44.5	35.9
15.	Fraser-Fort George	90,871	4,153	4,690	45.7	51.6
16.	Greater Vancouver	1,196,760	52,804	59,587	44.1	49.8
17.	Kitimat-Stikine	43,563	1,171	1,046	26.9	24.0
18.	Kootenay-Boundary	33,177	1,201	1,350	36.2	40.7
19.	Mount Waddington	15,412	598	50	38.8	3.2
20.	Nanaimo	80,919	4,191	4,657	51.8	57.6
21.	North Okanagan	56,631	2,357	2,425	41.6	42.8
22.	Okanagan-Similkameen	60,114	2,780	2,564	46.2	42.7
23.	Peace River-Liard	56,978	1,248	1,103	21.9	19.4
24.	Powell River	19,050	633	408	33.2	21.4
25.	Skeena-Queen Charlotte	24,542	793	719	32.3	29.3
26.	Squamish-Lillooet	19,528	814	148	41.7	7.6
27.	Stikine	2,219	27	-	12.2	-
28.	Sunshine Coast	16,421	712	376	43.4	22.9
29.	Thompson Nicola	103,973	6,587	7,534	63.4	72.5
	TOTAL	2,823,927	121,465	112,244	43.0	43.3
	Nonresidents		779		0.3	
	TOTAL		122,244		43.3	43.3

BRITISH COLUMBIA

Acute Care Hospitals

101 Vancouver General
102 St. Paul's, Vancouver
103 St. Vincent's, Vancouver
104 The Salvation Army Grace, Vancouver
105 Children's, Vancouver
106 Mount Saint Joseph, Vancouver
109 Royal Columbian, New Westminster
110 Saint Mary's, New Westminster
111 Powell River General
112 Lions Gate, North Vancouver
113 St. Mary's, Sechelt
115 Langley Memorial
116 Surrey Memorial
121 Richmond General
123 UBC Health Sciences Centre
125 Shaughnessy, Vancouver
128 Squamish General
130 Burnaby Hospital
131 Peace Arch District, White Rock
134 Delta Hospital
201 Royal Jubilee, Victoria
202 Victoria General
203 Cowichan District, Duncan
206 Lady Minto Gulf Islands, Ganges
217 Saanich Peninsula, Saanichton
301 Vernon Jubilee
302 Kelowna General
303 Penticton Regional
305 Princeton General
306 Enderby and District Memorial
307 Armstrong and Spallumcheen
308 Summerland General
309 South Okanagan General, Oliver
401 Royal Inland, Kamloops
402 Queen Victoria, Revelstoke
403 Nicola Valley General, Merritt
404 Shuswap Lake General, Salmon Arm
405 St. Bartholomew's, Lytton
406 Cariboo Memorial, Williams Lake
408 Ashcroft and District General
409 Golden and District General
417 Lillooet District
419 Dr. Helmcken Memorial, Clearwater
501 Nanaimo Regional General
502 St. Joseph's General, Comox
504 Cumberland General*
505 Chemainus General
506 Ladysmith and District General
507 St. George's, Alert Bay
508 Campbell River and District General
510 Port Hardy
511 Port McNeill and District
601 Chilliwack General
602 Mission Memorial
603 Matsqui-Sumas-Abbotsford General

* Outpatient Clinic

Acute Care Hospitals (continued)

604	Maple Ridge
606	Fraser Canyon, Hope
651	Kootenay Lake District, Nelson
652	Slocan Community, New Denver
654	Creston Valley
655	Arrow Lakes, Nakusp
701	Fort St. John General
702	St. John, Vanderhoof
703	Prince George Regional
704	Dawson Creek and District
705	G.R. Baker Memorial, Quesnel
707	Burns Lake and District
708	100 Mile District General
713	McBride and District
714	Fort Nelson General
715	MacKenzie and District
716	Chetwynd General
717	Stuart Lake, Fort St. James
752	Kimberley and District
753	Fernie District
754	Sparwood General
755	Windermere District, Invermere
756	Cranbrook and District
801	Trail Regional
802	The Mater Misericoridae, Rossland
803	Boundary, Grand Forks
804	Castlegar and District
851	West Coast General, Port Alberni
854	Tofino General
859	Port Alice
861	Tahsis
901	Wrinch Memorial, Hazelton
902	Prince Rupert Regional
903	Bulkley Valley District, Smithers
904	R.W. Large Memorial, Waglisla
906	Bella Coola General
907	Queen Charlotte Islands General
910	Stewart General
912	Mills Memorial, Terrace
916	Cassiar
917	Kitimat General

APPENDIX A

CANADIAN CLASSIFICATION OF DIAGNOSTIC, THERAPEUTIC, AND SURGICAL PROCEDURES USED IN CONJUNCTION WITH THE ICD-9

Operation Group	Code
Certain Diagnostic and Therapeutic Procedures	01 - 13
Operations on the Nervous System	14 - 18
Operations on the Endocrine System	19 - 20
Operations on the Eyes	21 - 29
Operations on the Ears	30 - 32
Operations on the Nose, Mouth, and Pharynx	33 - 41
Operations on the Respiratory System	42 - 46
Operations on the Cardiovascular System	47 - 51
Operations on the Hemic and Lymphatic Systems	52 - 53
Operations on the Digestive System and Abdominal Region	54 - 66
Operations on the Urinary Tract	67 - 71
Operations on the Male Genital Organs	72 - 76
Operations on the Female Genital Organs	77 - 83
Obstetrical Procedures	84 - 87
Operations on the Musculoskeletal System	88 - 96
Operations on the Breast	97
Operations on Skin and Subcutaneous Tissue	98
Procedures Not Elsewhere Classified	99